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NEWS EXPRESS		JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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=> s wilson patricia d/au

L1 198 WILSON PATRICIA D/AU

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=> s burrow christopher r/au
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L2 97 BURROW CHRISTOPHER R/AU

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=> s method (s) screen? (s) polycystin-1
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L3 4 METHOD (S) SCREEN? (S) POLYCYSTIN-1

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=> dup rem 13
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PROCESSING COMPLETED FOR L3

L4 4 DUP REM L3 (0 DUPLICATES REMOVED)

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=> d l4 total ibib kwic
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L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:851245 CAPLUS

DOCUMENT NUMBER: 139:333124

TITLE: PKD gene product-based screening methods for compounds useful in the treatment of polycystic kidney disease

INVENTOR(S) : Wilson, Patricia D.; Burrow, Christopher R.

PATENT ASSIGNEE(S) : Mount Sinai School of Medicine of New York University,
USA

SOURCE: U.S., 33 pp., Cont.-in-part of U.S. Ser. No. 478,737.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6638726	B1	20031028	US 2000-689461	20001012
WO 2001050130	A2	20010712	WO 2001-US317	20010105
WO 2001050130	A3	20020321		

W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
	CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
	HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
	LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
	SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
	ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:	GH, GM, KE, LS, MW, KZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
	BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:	US 2000-478737	A2 20000106
	US 2000-689461	A 20001012

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS

IT Proteins

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (polycystin 1; PKD gene product-based
 screening methods for compds. useful for treatment of
 polycystic kidney disease)

L4 ANSWER 2 OF 4 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
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ACCESSION NUMBER: 2002039294 EMBASE
 TITLE: Novel mutations of PKD1 gene in Chinese patients with
 autosomal dominant polycystic kidney disease.
 AUTHOR: Ding L.; Zhang S.; Qiu W.; Xiao C.; Wu S.; Zhang G.; Cheng
 L.; Zhang S.
 CORPORATE SOURCE: Prof. S. Zhang, Department of Medical Genetics, West China
 Medical Center, Sichuan University, Chengdu 610041, China.
 szzhang@mcwcums.com
 SOURCE: Nephrology Dialysis Transplantation, (2002) 17/1 (75-80).
 Refs: 39
 ISSN: 0931-0509 CODEN: NDTREA
 COUNTRY: United Kingdom
 DOCUMENT TYPE: Journal; Article
 FILE SEGMENT: 005 General Pathology and Pathological Anatomy
 022 Human Genetics
 028 Urology and Nephrology
 029 Clinical Biochemistry
 LANGUAGE: English
 SUMMARY LANGUAGE: English

AB . . . China. The major gene responsible for ADPKD, PKD1, has been fully
 characterized and shown to encode an integral membrane protein,
polycystin 1, which is thought to be involved in
 cell-cell and cell-matrix interaction. Until now, 82 mutations of PKD1
 gene have been. . . American, and Asian populations. However, there has
 been no report on mutations of the PKD1 gene in a Chinese population.
Methods. Eighty Chinese patients in 60 families with ADPKD were
screened for mutations in the 3' region of the PKD1 gene using
 polymerase chain reaction-single-strand conformation polymorphism
 (PCR-SSCP) and DNA-sequencing techniques.. . .

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:507954 CAPLUS
 DOCUMENT NUMBER: 135:87179
 TITLE: Polycystin-based screening methods for compounds
 useful in the treatment of polycystic kidney disease
 INVENTOR(S): Wilson, Patricia D.; Burrow, Christopher R.
 PATENT ASSIGNEE(S): Mount Sinai School of Medicine of New York University,
 USA
 SOURCE: PCT Int. Appl., 56 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001050130	A2	20010712	WO 2001-US317	20010105
WO 2001050130	A3	20020321		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6638726 B1 20031028 US 2000-689461 20001012
PRIORITY APPLN. INFO.: US 2000-478737 A 20000106
US 2000-689461 A 20001012

IT Proteins, specific or class
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(**polycystin-1**-interacting; polycystin-based
screening methods for compds. useful in treatment of
polycystic kidney disease)
IT Phosphorylation, biological
(protein, of **polycystin-1**; polycystin-based
screening methods for compds. useful in treatment of
polycystic kidney disease)
IT Antibodies
RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); ANST
(Analytical study); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(to **polycystin-1**; polycystin-based
screening methods for compds. useful in treatment of
polycystic kidney disease)

L4 ANSWER 4 OF 4 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
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ACCESSION NUMBER: 1998005268 EMBASE
TITLE: Autosomal dominant polycystic kidney disease: Clinical and
genetic aspects.
AUTHOR: Sessa A.; Ghiggeri G.M.; Turco A.E.
CORPORATE SOURCE: Dr. A. Sessa, UO Nefrologia e Dialisi, Via C. Battisti, 23,
20059 Vimercate, Italy
SOURCE: Journal of Nephrology, (1997) 10/6 (295-310).
Refs: 184
ISSN: 1121-8428 CODEN: JLNEEL
COUNTRY: Italy
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 010 Obstetrics and Gynecology
022 Human Genetics
028 Urology and Nephrology
LANGUAGE: English
SUMMARY LANGUAGE: English

AB . . . in about 85% of patients; PKD2 (chromosome 4q13q23) in 10%; PKD3
(unknown chromosome) in a few families. PCR-based mutation detection
methods, automated DNA sequencing, and other 'functional'
methods are used to **screen** and analyse ADPKD patients.
It is not yet known whether the mutations identified so far in PKD1 and
PKD2 inactivate the genes or generate an aberrant product. The products of
PKD1 and PKD2 genes have been called **polycystin 1** and
2. Polycystins are members of a family of interactive proteins involved in
complex adhesive cell-cell, cell-matrix, protein-protein, and
protein-carbohydrate. . . .

L Number	Hits	Search Text	DB	Time stamp
1	1	wilson-patricia-d.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:20
2	1	burrow-christopher-r.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:20
3	0	method same screen\$8 same polycystin-1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:20
4	0	method same identi\$8 same polycystin-1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:21
5	21	polycystin-1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:21